



***Strategic  
Capital  
Priorities***

***2015-16 through 2020-21***

***House Appropriations Committee on Capital***

***April 14, 2015***

# CAPITAL PLAN PROCESS

# CAPITAL PLAN PROCESS

## CAPITAL BUDGET PRIORITIES

# **CAPITAL PLAN PROCESS**

## **CAPITAL BUDGET PRIORITIES**

Strategic Appropriated Capital  
Targeted Capital Renewal  
Repairs and Renovations Reserve  
Non-Appropriated Capital

## CAPITAL PLAN PROCESS

## CAPITAL BUDGET PRIORITIES

- Strategic Appropriated Capital
- Targeted Capital Renewal
- Repairs and Renovations Reserve
- Non-Appropriated Capital

## SUMMARY

## CAPITAL PLAN PROCESS

## CAPITAL BUDGET PRIORITIES

- Strategic Appropriated Capital
- Targeted Capital Renewal
- Repairs and Renovations Reserve
- Non-Appropriated Capital

## SUMMARY

## APPENDIX

# **CAPITAL PLAN PROCESS**

## **UNC BOARD OF GOVERNORS**

**2015-17 Operating and Capital Budget Priorities**

December 2014

# **CAPITAL PLAN PROCESS**

## **UNC BOARD OF GOVERNORS**

### **2015-17 Operating and Capital Budget Priorities**

December 2014

#### **Criteria For Priority Evaluation:**

Board of Trustees Priorities

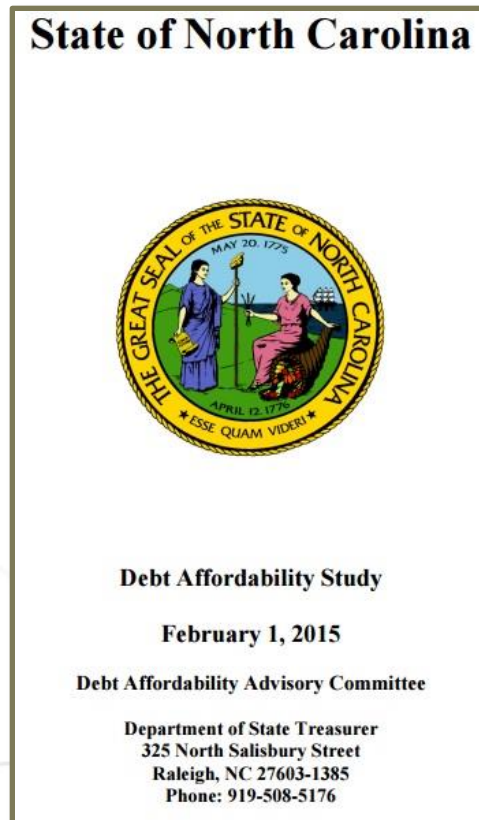
Board of Governors Priorities

2015-2021 Six-Year Strategic Capital Priority Plan

2015-2017 Biennial Budget Capital Priorities



# CAPITAL PLAN PROCESS



# CAPITAL PLAN PROCESS

## State of North Carolina



### Debt Affordability Study

February 1, 2015

Debt Affordability Advisory Committee

Department of State Treasurer  
325 North Salisbury Street  
Raleigh, NC 27603-1385  
Phone: 919-508-5176

Table 1

General Fund					
Net Tax-Supported Debt Capacity using 4.0% debt service/revenues target ratio (In millions of dollars)					
Fiscal Year	2015	2016	2017	2018	2019
Total Additional Debt Capacity per Year *	\$871.0	\$888.7	\$437.9	\$595.5	\$871.6
Debt Capacity Available Each and Every Year	\$698.2	\$698.2	\$698.2	\$698.2	\$698.2

\* In addition to that already authorized but unissued. Assumes additional debt capacity is authorized and issued in stated fiscal year.

# CAPITAL PLAN PROCESS

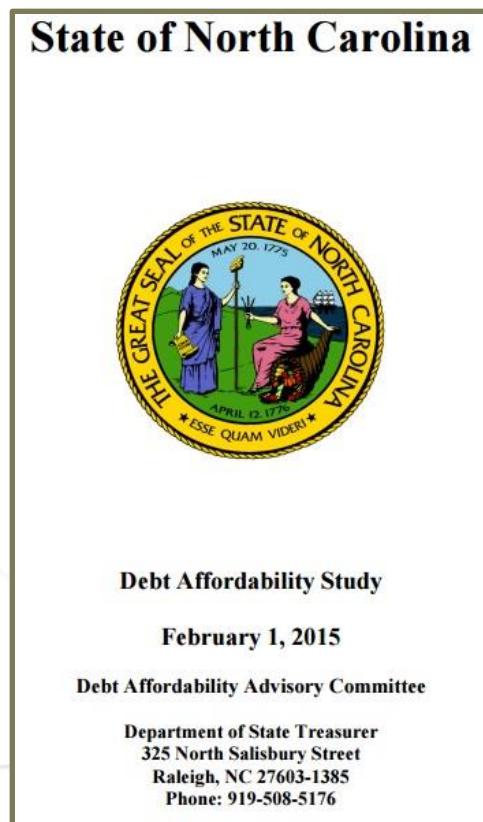


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\* In addition to that already authorized but unissued, additional debt capacity is authorized and issued in stated fiscal year.

**36% of NC average annual  
Debt Capacity required by  
UNC Capital Plan**

# **CAPITAL BUDGET PRIORITIES**

## **Strategic Appropriated Capital**

# CAPITAL BUDGET PRIORITIES

## Strategic Appropriated Capital

Strategic Appropriated Capital Priorities										
	Strategic Appropriated Capital Priorities	Total Cost	Request	S-I-T-G	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
ASU	College of Nursing and Health Sciences	\$74,507,033	\$70,781,681	\$3,725,352	\$20,000,000	\$45,300,000	\$5,481,681			
NCSU	Engineering Building - Oval	\$154,000,000	\$77,000,000	\$77,000,000	\$7,000,000	\$7,000,000	\$63,000,000			
UNCC	Science Building	\$126,383,375	\$120,064,206	\$6,319,169	\$12,638,337	\$70,000,000	\$37,425,869			
UNCW	Allied Health/Human Sciences & Nursing Facility	\$70,882,635	\$67,338,504	\$3,544,132	\$7,088,264	\$42,529,581	\$17,720,659			
NCSSM	Discovery Center's Reynolds East Living/Learning Residence Hall	\$8,000,000	\$7,600,000	\$400,000	\$7,600,000					
ECU	Life Sciences and Biotechnology Bldg/Howell Sciences Renovation	\$196,985,000	\$187,135,750	\$9,849,250	\$19,698,500	\$9,849,250	\$80,000,000	\$77,588,000		
UNCG	Nursing and Instructional Building	\$131,332,000	\$124,765,400	\$6,566,600	\$13,133,200	\$78,799,200	\$32,833,000			
UNCCH	Medical Education Building-Berryhill Replacement	\$90,600,000	\$70,600,000	\$20,000,000	\$7,060,000	\$42,360,000	\$21,180,000			
NCAT	New College of Engineering Facility	\$104,374,000	\$99,155,300	\$5,218,700	\$10,437,400	\$64,000,000	\$24,717,900			
WCU	Science / STEM Facility	\$120,981,300	\$114,932,235	\$6,049,065	\$12,098,100	\$60,834,135	\$42,000,000			
WSSU	Sciences Building	\$56,688,000	\$53,853,600	\$2,834,400	\$5,668,000	\$48,185,600				
		\$1,134,733,343	\$993,226,676	\$141,506,667	\$122,421,801	\$468,857,766	\$324,359,109	\$77,588,000	\$993,226,676	
		SITG Total Participation:		12.47%	12%	47%	33%	8%	New Capital	
									\$514,836,635	
									R & R Reserve	

# CAPITAL BUDGET PRIORITIES

## Strategic Appropriated Capital

**S-I-T-G**  
**12.47%**

### Strategic Appropriated Capital Priorities

	Strategic Appropriated Capital Priorities	Total Cost	Request	S-I-T-G	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
ASU	College of Nursing and Health Sciences	\$74,507,033	\$70,781,681	\$3,725,352	\$20,000,000	\$45,300,000	\$5,481,681			
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# CAPITAL BUDGET PRIORITIES

## Strategic Appropriated Capital

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		\$1,134,733,343	\$993,226,676	\$141,506,667	\$122,421,801	\$468,857,766	\$324,359,109	\$77,588,000	\$993,226,676	
		SITG Total Participation: 12.47%			12%	47%	33%	8%	New Capital	
									\$14,836,655	
									R & R Reserve	



# **CAPITAL BUDGET PRIORITIES**

## **Targeted Capital Renewal**



# CAPITAL BUDGET PRIORITIES

## Targeted Capital Renewal

### Criteria For Priority Evaluation:

Space Utilization	Building Restoration – Whole or Partial
Enrollment Growth	Departmental Space Efficiencies
Core Campus Initiatives	Campus Utility Infrastructure
Re-Purpose Existing Space	Academic Program Support
Utility Cost Avoidance	Code & Life Safety Improvements

# CAPITAL BUDGET PRIORITIES

## Targeted Capital Renewal

Targeted Capital Renewal Projects			\$251,314,507 Available					
			2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
			\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751
		FY Distribution:	96.31%	96.97%	98.55%	94.67%	102.25%	111.25%
	Institution	Value	\$40,340,000	\$40,616,373	\$41,279,000	\$39,654,000	\$42,827,574	\$46,597,560
ASU	Sanford Hall - Comprehensive Renovation & Modernization	\$19,616,000					\$19,616,000	
ECU	Brewster Building B-C-D Classroom Wings Renovations	\$14,700,000				\$14,700,000		
ECU	Whichard Building Comprehensive Renovation	\$6,100,000					\$6,100,000	
ECSU	Moore Hall-Complete Building Renovation	\$8,510,000	\$8,510,000					
ECSU	GR Little Library-Complete Building Renovation	\$4,500,000				\$4,500,000		
FSU	Lyons Science Building-Comprehensive Renovation	\$10,616,373		\$10,616,373				
NCAT	Carver Hall Renovation	\$8,597,560						\$8,597,560
NCCU	Taylor Education Building-Comprehensive Renovation	\$7,500,000	\$7,500,000					
NCCU	Fine Arts Building-Comprehensive Renovation	\$8,454,000				\$8,454,000		
NCSSM	Renovations to Academic Buildings	\$5,129,000			\$5,129,000			
NCSU	Thermal Utilities and Infrastructure Upgrades	\$6,980,000	\$6,980,000					
NCSU	Bureau of Mines Building Renovation	\$6,000,000			\$6,000,000			
NCSU	Ricks Hall Renovation	\$8,500,000					\$8,500,000	
UNCA	Renovation and Addition to Owen Hall	\$15,150,000			\$15,150,000			
UNCCH	Hamilton Hall Envelope Restoration	\$18,000,000						\$18,000,000
UNCC	Academic Complex Modernization	\$8,611,574					\$8,611,574	
UNCG	Jackson Library Renovation	\$20,000,000						\$20,000,000
UNCP	West Hall - Comprehensive Rehabilitation	\$10,000,000	\$10,000,000					
UNCSA	Old Library Renovation	\$7,350,000	\$7,350,000					
UNCW	DeLoach Hall Renovation	\$15,000,000			\$15,000,000			
WCU	Energy Production Facility	\$30,000,000		\$30,000,000				
WSSU	Restore the Core Ph II - Hauser Hall for Music	\$12,000,000				\$12,000,000		
Total Value of Targeted Capital Renewal Projects:		251,314,507						

# CAPITAL BUDGET PRIORITIES

22 Projects

## Targeted Capital Renewal

Targeted Capital Renewal Projects			\$251,314,507 Available						
				2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
				\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751
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		Value	\$40,340,000	\$40,616,373	\$41,279,000	\$39,654,000	\$42,827,574	\$46,597,560	
	Institution	Value							
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ECU	Whichard Building Comprehensive Renovation	\$6,100,000						\$6,100,000	
ECSU	Moore Hall-Complete Building Renovation	\$8,510,000	\$8,510,000						
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NCSSM	Renovations to Academic Buildings	\$5,129,000				\$5,129,000			
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NCSU	Ricks Hall Renovation	\$8,500,000						\$8,500,000	
UNCA	Renovation and Addition to Owen Hall	\$15,150,000				\$15,150,000			
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UNCG	Jackson Library Renovation	\$20,000,000							\$20,000,000
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UNCSA	Old Library Renovation	\$7,350,000	\$7,350,000						
UNCW	DeLoach Hall Renovation	\$15,000,000				\$15,000,000			
WCU	Energy Production Facility	\$30,000,000		\$30,000,000					
WSSU	Restore the Core Ph II - Hauser Hall for Music	\$12,000,000					\$12,000,000		
Total Value of Targeted Capital Renewal Projects			251,314,507						

# **CAPITAL BUDGET PRIORITIES**

## **Repairs and Renovations Reserve**

# CAPITAL BUDGET PRIORITIES

## Repairs and Renovations Reserve

Allocation from Repairs and Renovations Reserve:							\$514,836,635
							0.717% CRV
			Reserved for Targeted Campus Renewal Projects:				\$251,314,507
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	
							Reserved for Campus R & R Improvements:
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Current Distribution
NCSU	7,754,230	7,754,230	7,754,230	7,754,230	\$7,754,230	\$7,754,230	18.3614167%
UNC-CH	8,768,804	8,768,804	8,768,804	8,768,804	\$8,768,804	\$8,768,804	20.7638502%
NC A&T	1,659,406	1,659,406	1,659,406	1,659,406	\$1,659,406	\$1,659,406	3.9293453%
UNCG	2,711,378	2,711,378	2,711,378	2,711,378	\$2,711,378	\$2,711,378	6.4203338%
ECU	3,974,310	3,974,310	3,974,310	3,974,310	\$3,974,310	\$3,974,310	9.4108579%
UNCC	2,844,075	2,844,075	2,844,075	2,844,075	\$2,844,075	\$2,844,075	6.7345488%
ASU	1,903,566	1,903,566	1,903,566	1,903,566	\$1,903,566	\$1,903,566	4.5074958%
NCCU	1,237,225	1,237,225	1,237,225	1,237,225	\$1,237,225	\$1,237,225	2.9296527%
UNCW	1,745,065	1,745,065	1,745,065	1,745,065	\$1,745,065	\$1,745,065	4.1321788%
WCU	1,503,563	1,503,563	1,503,563	1,503,563	\$1,503,563	\$1,503,563	3.5603200%
UNCP	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	*Floor 2.7500000%
FSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
WSSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
ECSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCSA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
NCSSM	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
Affiliates	1,689,244	1,689,244	1,689,244	1,689,244	\$1,689,244	\$1,689,244	*Affiliates 4.0000000%
	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$263,522,128

# CAPITAL BUDGET PRIORITIES

## Repairs and Renovations Reserve

Allocation from Repairs and Renovations Reserve:							\$514,836,635
							0.717% CRV
							Reserved for Targeted Campus Renewal Projects: \$251,314,507
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	\$41,885,751	
							Reserved for Campus R & R improvements:
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Current Distribution
NCSU	7,754,230	7,754,230	7,754,230	7,754,230	\$7,754,230	\$7,754,230	18.3614167%
UNC-CH	8,768,804	8,768,804	8,768,804	8,768,804	\$8,768,804	\$8,768,804	20.7638502%
NC A&T	1,659,406	1,659,406	1,659,406	1,659,406	\$1,659,406	\$1,659,406	3.9293453%
UNCG	2,711,378	2,711,378	2,711,378	2,711,378	\$2,711,378	\$2,711,378	6.4203338%
ECU	3,974,310	3,974,310	3,974,310	3,974,310	\$3,974,310	\$3,974,310	9.4108579%
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ASU	1,903,566	1,903,566	1,903,566	1,903,566	\$1,903,566	\$1,903,566	4.5074958%
NCCU	1,237,225	1,237,225	1,237,225	1,237,225	\$1,237,225	\$1,237,225	2.9296527%
UNCW	1,745,065	1,745,065	1,745,065	1,745,065	\$1,745,065	\$1,745,065	4.1321788%
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UNCP	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	*Floor 2.7500000%
FSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
WSSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
ECSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCSA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
NCSSM	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
Affiliates	1,689,244	1,689,244	1,689,244	1,689,244	\$1,689,244	\$1,689,244	*Affiliates 4.0000000%
	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$263,522,128

**Consistent**  
**+**  
**Predictable**  
**+**  
**6-Year**  
**Funding**  
**Plan**

# CAPITAL BUDGET PRIORITIES

## Repairs and Renovations Reserve

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UNCC	2,844,075	2,844,075	2,844,075	2,844,075	\$2,844,075	\$2,844,075	6.7345488%
ASU	1,903,566	1,903,566	1,903,566	1,903,566	\$1,903,566	\$1,903,566	4.5074958%
NCCU	1,237,225	1,237,225	1,237,225	1,237,225	\$1,237,225	\$1,237,225	2.9296527%
UNCW	1,745,065	1,745,065	1,745,065	1,745,065	\$1,745,065	\$1,745,065	4.1321788%
WCU	1,503,563	1,503,563	1,503,563	1,503,563	\$1,503,563	\$1,503,563	3.5603200%
UNCP	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	*Floor 2.7500000%
FSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
WSSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
ECSU	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
UNCSA	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
NCSSM	1,161,356	1,161,356	1,161,356	1,161,356	\$1,161,356	\$1,161,356	2.7500000%
Affiliates	1,689,244	1,689,244	1,689,244	1,689,244	\$1,689,244	\$1,689,244	*Affiliates 4.0000000%
	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$263,522,128

1% - 3%  
of CRV  
Recommended  
Funding Level

# **CAPITAL BUDGET PRIORITIES**

## **Non-Appropriated Capital**



# CAPITAL BUDGET PRIORITIES

## Non-Appropriated Capital

### University of North Carolina

Self Liquidating Debt (Non-Appropriated Capital Projects that require long-term debt)  
Statutory framework created with the 2000 Higher Education Bonds

2015 Self - Liquidating Request					
Institution	Project Title	Total (\$)	Cash (\$)	Debt (\$)	Source of Funds
ASU	New Residence Hall - Replacement for Winkler - Supplement	32,000,000	8,000,000	24,000,000	Housing Receipts
ECU	Renovation of Four Residence Halls	65,000,000		65,000,000	Housing Receipts
NCCU	Deferred Maintenance and Infrastructure Improvements	10,500,000		10,500,000	Debt Service Fee Revenues
NCSU	Engineering Building Oval and Campus Infrastructure	77,000,000	47,000,000	30,000,000	Gifts
	<b>Totals</b>	<b>\$184,500,000</b>	<b>\$55,000,000</b>	<b>\$129,500,000</b>	

# CAPITAL BUDGET PRIORITIES

## Non-Appropriated Capital

### University of North Carolina

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NCSU	Engineering Building Oval and Campus Infrastructure	77,000,000	47,000,000	30,000,000	Gifts
	<b>Totals</b>	<b>\$184,500,000</b>	<b>\$55,000,000</b>	<b>\$129,500,000</b>	

# SUMMARY

## 2015-17 Capital Budget Priorities

Capital Budget Priorities	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Totals
Strategic Appropriated Capital Priorities	\$122,421,801	\$468,857,766	\$324,359,109	\$77,588,000			\$993,226,676
Targeted Capital Renewal Projects (from R&R Reserve)	\$40,340,000	\$40,616,373	\$41,279,000	\$39,654,000	\$42,827,574	\$46,597,560	\$251,314,507
Allocation from Repairs & Renovations Reserve	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$43,920,355	\$263,522,130
	\$122,421,801	\$468,857,766	\$324,359,109	\$77,588,000	\$0	\$0	\$1,508,063,313

**2015 Self Liquidating Request: \$184,500,000**

## **SUMMARY – *By The Numbers, By The Decade***

59	Percentage of GSF by State Entity operated by UNC
66	Percentage of General Fund Insured Value by Entity operated by UNC
36	Percentage of NC Debt Capacity required by UNC 2015-2021 Capital Plan
2	Fiscal Years when percentage of R&R funding was less than <b>1/10 of 1%</b>
2	Fiscal Years when percentage of R&R funding was <b>ZERO</b>
<b>1% - 3%</b>	Recommended percentage of R&R funding (Source: APPA-Association of Physical Plant Administrators)
<b>\$498.7 Million</b>	Avoided utility costs by UNC (Source: NCDENR)

## **APPENDIX**

### **ASU – College of Nursing and Health Sciences**

Increasing statewide demand for health professionals to serve an aging population has led to a growing need for degree-granting programs in Nursing and Allied Health in western North Carolina. In keeping with the goal of educating more health care professionals, this project would provide a 200,000 square-foot facility for the College of Nursing, as well as various academic and public service programs in Allied Health. This building complex, to be constructed in association with the Watauga Medical Center, would greatly expand the volume and quality of facilities available for education, research, and public service for the community and region. Work would also include the renovations needed to repurpose Duncan Hall (built in 1965, 81,887 square feet, 3-story).

## APPENDIX

### **NCSU – Engineering Building - Oval**

This new building for the College of Engineering provides 227,000 gross square feet for the Fitts Department of Industrial and Systems Engineering, the Department of Civil, Construction, and Environmental Engineering, and the College of Engineering Administration. The total project cost of \$154M will be split funded with \$77M request in appropriated funds and \$77M in non-appropriated funds. The facility will include reconfigurable laboratories that provide flexibility for changing research initiatives; new classrooms and class laboratories with the latest technology; and office suites that encourage interaction between faculty, staff and administrators. The project will provide improvements to campus infrastructure and new structured parking. This project fulfills the university decision made in the mid-1990's to move the College of Engineering to Centennial Campus thus allowing existing outdated buildings vacated by Engineering to be renovated to address growth in other colleges. This fourth building completes the move of eight of the nine Engineering departments as well as the college administration. The project fulfills the vision of the 2014 NC State University physical master plan, A Campus of Neighborhoods and Paths, and is guided by The Pathway to the Future, NC State University 2011-2020 Strategic Plan, Goal #1: Enhance the Success of our Students through Educational Innovation, and Goal #2: Enhance Scholarship and Research by Investing in Faculty and Infrastructure. This project is consistent with the university's 2020 enrollment targets.

## APPENDIX

### **UNCC – Science Building**

This proposed Science Building project would provide important undergraduate teaching laboratories and graduate research space for UNCC. Many of UNCC's buildings were constructed before doctoral instruction, and in some cases before master level instruction and research were part of its mission. Each of UNC Charlotte's science departments now administers at least one doctoral program. The result is that available laboratory and instructional space is inadequate to support UNCC's undergraduate and graduate teaching and research mission and designation as a research institution. The 236,210 square-foot Science Building would provide facilities for classroom and research activities in chemistry, physics, and biology and classrooms and office space for associated departments. The current space occupied by these departments is inadequate for modern science instruction. The building would provide scientific laboratories and support space for programs and research initiatives that contribute to the economic development of the region and allow UNCC to serve projected student enrollment.

## APPENDIX

### **UNCW – Allied Health/Human Sciences and Nursing Facility**

In keeping with the goal of increased access to quality health care, especially in rural areas, UNCW has developed a health programs strategic plan that includes a Health and Human Services College with strong partnerships with practitioners and other UNC campuses. Two of the four facilities envisioned by that plan (Psychology Building, School of Nursing facility) have been funded. This third, 165,000 square-foot facility would house the new Health and Human Services College; the Center for Healthy Living; existing academic programs in Health and Applied Human Sciences and Social Work; and related labs and classrooms that are critical to UNCW's ability to produce more health care professionals and expand services to the rural areas of the region. Available sites for the facility require specialized foundation work and work would include the extension of the all primary infrastructure services to the site.



## APPENDIX

### **NCSSM–Discovery Center Reynolds East Living/Learning Residence Hall**

This project would construct the Reynolds East Living/Learning Residence Hall component of NCSSM's \$81,900,000 Discovery Center project that was funded for planning by the 2007 General Assembly. Designed and bid-ready, this resident hall project would provide a 22,000 square-foot, 3-story, 70-bed residence hall with approximately 7,000 square feet of state-of-the-art labs and classrooms that would allow NCSSM to increase its enrollment, an effort that requires both additional residential and academic capacity.

## APPENDIX

### **ECU – Life Sciences and Biotechnology Bldg/Howell Science Renovation**

Attracting top quality faculty in applied research with lab space that will allow for world class research and discovery will lead to increased access to higher education as well as application, translation and communication for research and scholarship to broader audiences. This facility would create opportunities for partnerships and discovery with our local industry partners and provide for research programs that would be globally competitive and produce higher-skilled graduates that would compete successfully in the global workplace. The project would construct the 200,000 square-foot Life Sciences and Biotechnology Building on the current site of the Christianbury Gym; the demolition and reconstruction of Christianbury Gym (built in 1952, 52,701 square feet, 2-story) in a new location; and the renovation of the Howell Sciences complex (built in 1969 and 1970, 107,569 square feet, 4 and 5-story) to bring it up to current life safety and building codes and modern laboratory standards. Upon completion, ECU's new and renewed science complex facilities would provide the state-of-the-art science facilities needed to attract top-quality faculty in applied research; increase student access to modern science education; and facilitate the application, translation and communication of scientific research and scholarship to broader audiences.

## APPENDIX

### **UNCG – Nursing and Instructional Building**

This project would house the School of Nursing, which would occupy approximately 50% of the space. Currently located in four buildings and space constrained, this project would allow the School of Nursing to expand its enrollment and realize the collaboration and efficiency benefits possible by being in one location. Additional instructional, faculty, and support space is essential in order for UNCG to accommodate planned enrollment increases; new academic program offerings; and expected growth in externally funded research and service. Because these initiatives are faculty and space intensive, this project would construct a 200,000 square-foot, four-floor building consisting of laboratory and related support space, academic teaching facilities, and office space on the existing McIver Classroom Building site. Building design would incorporate the requirements of Session Law 2007-546 (SB 668) and would be designed to produce maximum flexibility for rapidly changing academic programs. This project would also include constructing and equipping the 20,000 square foot Phase 1 Chiller Plant and the demolition of the existing McIver Classroom Building (built in 1959, 129,559 square feet, 5-story).

# APPENDIX

## **UNC-CH – Medical Education Building - Berryhill Replacement**

This project would replace the Berryhill facility to expand teaching and office space for enrollment growth. Comprehensive renovation of the vivarium to meet research needs.

# APPENDIX

## **NCA&T – New College of Engineering Facility**

North Carolina A&T State University is seeking authorization and funding for a New College of Engineering Facility that will be located on campus. The youngest College of Engineering Facility is nearing thirty years of age. Present day Research and Instructional Activities have advanced over the last thirty years as well as increases in the student engineering population. These advancements are driving our need for a new facility.

## APPENDIX

### **WCU – Science/STEM Facility**

This project would provide for a new 185,000 sf STEM building that will support teaching and research, community outreach, and professional partnerships in an integrated, state-of-the-art facility. The proposed building structure will offer a unique, flexible configuration that promotes interdisciplinary collaboration, student engagement, and community connections. Additionally, the project site design will implicitly strengthen the science quad and integrate site context. The scope will also include the demolition of the Natural Sciences Building and existing courtyard site elements, thereby expanding and redefining the built environment to reinforce the holistic learning environment program.

## APPENDIX

### **WSSU – Sciences Building**

Increasing statewide demand for health professionals to serve an aging population has led to a growing need for degree-granting programs in Nursing and Allied Health in western North Carolina.

In keeping with the goal of educating more health care professionals, this project would provide a 200,000 square-foot facility for the College of Nursing, as well as various academic and public service programs in Allied Health. This building complex, to be constructed in association with the Watauga Medical Center, would greatly expand the volume and quality of facilities available for education, research, and public service for the community and region. Work would also include the renovations needed to repurpose Duncan Hall (built in 1965, 81,887 square feet, 3-story).